

COMPLETE LISTING OF THE CLAIMS:

1. (Previously Presented) A method of reading a plurality of film originals, each being mounted with a slide mount, which are placed on an original support of an image reading apparatus in a plurality of orientations, and displaying the plurality of film originals on a monitor unit of a computer connected to the image reading apparatus, the method comprising:

an image reading step of:

- (i) reading each of the plurality of film originals placed on the original support in a mixed manner with a landscape orientation and a portrait orientation,
- (ii) identifying a number of frames of film originals simultaneously present on the original support, and
- (iii) cutting out image areas for each of the frames of film originals to generate a plurality of image signals;

a placement orientation detection step of detecting a placement orientation for each of the plurality of film originals based on lengths in horizontal and vertical directions of each image signal, generated in said image reading step;

a display orientation setting step of setting a display orientation for all of the plurality of image signals, by one setting, from among:

- (i) a landscape orientation,
- (ii) an orientation where each of the plurality of image signals is rotated by a predetermined angle regardless of the placement orientation for each of the plurality of film originals detected in said placement orientation detection step, and
- (iii) an orientation corresponding to the placement orientation for each of the plurality of film originals detected in said placement orientation detection step;

an image signal rotation step of executing in accordance with the display orientation set for the plurality of image signals in said display orientation setting step:

(i) a first image signal rotation of rotating each of the plurality of image signals to be in the landscape orientation,

(ii) a second image signal rotation of rotating each of the plurality of image signals by a predetermined angle irrespective of the placement orientation detected in said placement orientation detection step, or

(iii) no image signal rotation; and

a read image signal display step of simultaneously displaying the plurality of image signals on one display screen of the monitor unit according to the display orientation set in said display orientation setting step and in a form of a thumbnail type display.

2. (Previously Presented) A method according to claim 1, wherein said display orientation step may also select (iv) a predetermined orientation, as the display orientation for the plurality of image signals, and said image signal rotation step may further execute (iv) a third image signal rotation of rotating each of the plurality of image signals to be in the predetermined orientation, in accordance with the display orientation set in said display orientation step.

3-4. (Cancelled).

5. (Previously Presented) A method according to claim 1, wherein after rotating each of the plurality of read image signals by the predetermined angle during the second image signal rotation in said image signal rotation step, an inclination of each of the plurality of read image signals is corrected with respect to a vertical or horizontal direction.

6. (Previously Presented) A method according to claim 1, wherein, in said image reading step, a plurality of originals placed on the original support are read and the other steps are performed on an image signal obtained from each of the originals individually.

7-14. (Cancelled)

15. (Previously Presented) A system for reading a plurality of film originals, each being mounted with a slide mount, which are placed on an original support of an image reading apparatus in a plurality of orientations and for displaying the plurality of film originals on a monitor unit of a computer connected to the image reading apparatus, the system comprising:

an image reader for:

(i) reading each of the plurality of film originals placed on the original support in a mixed manner with a landscape orientation and a portrait orientation,

(ii) identifying a number of frames of film originals simultaneously present on the original support, and

(iii) cutting out image areas for each of the frames of the film originals to generate a plurality of image signals;

a placement orientation detector for detecting a placement orientation for each of the plurality of film originals based on lengths in horizontal and vertical directions of each image signal generated by said image reader;

a display orientation setting unit for setting a display orientation for all of the plurality of image signals, by one setting, from among:

(i) a landscape orientation,

(ii) an orientation where each of the plurality of image signals is rotated by a predetermined angle regardless of the placement orientation for each of the plurality of film originals detected by said placement orientation detector, and

(iii) an orientation corresponding to the placement orientation for each of the plurality of film originals detected by said placement orientation detector;

an image signal rotator for executing in accordance with the display orientation set for the plurality of image signals by said display orientation setting unit:

(i) a first image signal rotation of each of the plurality of image signals to be in the landscape orientation,

(ii) a second image signal rotation of rotating each of the plurality of image signals by a predetermined angle irrespective of the placement orientation detected by said placement orientation detector, or

(iii) no image signal rotation; and

a read image signal display for simultaneously displaying the plurality of image signals on one display screen of the monitor unit according to the display orientation set by said display orientation setting unit and in a form of a thumbnail type display.

16. (Previously Presented) A method according to claim 1, wherein the plurality of image signals displayed on the monitor unit are images of the plurality of film originals.

17. (Previously Presented) A system according to claim 15, wherein the plurality of image signals displayed on the monitor unit are images of the plurality of film originals.

18. (Previously Presented) A method of reading a plurality of originals placed on an original support and displaying the plurality of originals, comprising:

an image reading step of reading each of the images of the plurality of originals placed on the original support in a mixed manner with a landscape orientation and a portrait orientation, and cutting out image areas to generate a plurality of image signals;

a placement orientation detection step of detecting a placement orientation for each of the plurality of originals based on lengths in horizontal and vertical directions of each of the plurality of image signals;

a display orientation setting step of setting a display orientation of all of the plurality of image signals to a landscape display or to a portrait display, by one setting;

an image signal rotation step of executing an image signal rotation in accordance with the display orientation set for the plurality of image signals in said display orientation setting step; and

a read image signal display step of simultaneously displaying all the plurality of image signals on one display screen of the monitor unit in the landscape display or in the portrait display according to the display orientation set in said display orientation setting step, and in a form of a thumbnail type display.